Express Mail Label No. Date of Deposit:



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747.

Please address all correspondence to:

Post Office Address: Same

Ivor R. Elrifi Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. One Financial Center Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru, Ph.D. Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Kimberly A. Spytek Full Name of Inventor: Kimberly A. Spytek Citizenship: United States Residence: 28 Court St., #1, New Haven, CT 06511	Date

Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545)	
Medger	8/5/02
Invertor's Signature: Ferenc Boldog Ful Name of Inventor: Ferenc L Boldog, Ph.D. Citizenship: Hungarian Residence: 1687 Hartford Turnpike, North Haven, CT 064 Post Office Address: Same	Date 7
Inventor's Signature: Corine Vernet Full Name of Inventor: Corine A.M. Vernet, Ph.D. Citizenship: France Residence: 1739 Foxon Road, Apartment L6, Branford, C Post Office Address: Same	Date T 06471
Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Suresh Shenoy Full Name of Inventor: Suresh G. Shenoy, Ph.D. Citizenship: India Residence: 15 Millwood Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Stacie Casman Full Name of Inventor: Stacie J. Casman Citizenship: United States Residence: 17 Peck Street, North Haven, CT 06473 Post Office Address: Same	Date
Inventor's Signature: Xiaojia (Sasha) Guo Full Name of Inventor: Xiaojia (Sasha) Guo Citizenship: China	Date

Residence: 713 Robert Frost Drive, Branford, CT 06405

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Shlomit Edinger Date Full Name of Inventor: Shlomit R. Edinger Citizenship: United States Residence: 766 Edgewood Ave, New Haven, CT 06515 Post Office Address: Same Inventor's Signature: John MacDougall Date Full Name of Inventor: John R. MacDougall, Ph.D. Citizenship: Canada Residence: 117 Russell Street, Hamden, CT 06517 Post Office Address: Same Inventor's Signature: Uriel Malyankar Date Full Name of Inventor: Uriel M. Malyankar Citizenship: India Residence: 229 Branford Rd., #330, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Meera Patturajan Date Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Richard Shimkets** Date Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 5 Indian Meadows Drive, Guilford, CT 06437 Post Office Address: Same

Inventor's Signature: Carol E. A. Pena Date

Full Name of Inventor: Carol E. A. Pena

Citizenship: United States

Residence: 555 Long Wharf Drive, New Haven, CT 06511

Post Office Address: Same

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Velizar T. Tchernev Date Full Name of Inventor: Velizar T. Tchernev, Ph.D. Citizenship: Bulgaria Residence: 45 Jefferson Road, #3-12, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Bryan Zerhusen Date Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Isabelle Millet Date Full Name of Inventor: Isabelle Millet Citizenship: France Residence: 74 Carrington Avenue, Milford, CT 06460 Post Office Address: Same Inventor's Signature: Charles Miller Date Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: Denise Lepley Date Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Glennda Smithson Date Full Name of Inventor: Glennda Smithson Citizenship: United States Residence: 125 Michael Drive, Guilford, CT 06435

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Jason Baumgartner Date Full Name of Inventor: Jason C. Baumgartner Citizenship: United States Residence: 1697 Quinnipiac Avenue, New Haven, CT 06513 Post Office Address: Same Inventor's Signature: John Herrmann Date Full Name of Inventor: John L. Herrmann, Ph.D. Citizenship: United States Residence: 78 Barnshed Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: John Peyman Date Full Name of Inventor: John A. Peyman, Ph.D. Citizenship: United States Residence: 336 West Rock Avenue, New Haven, CT 06515 Post Office Address: Same Inventor's Signature: Linda Gorman Date Full Name of Inventor: Linda Gorman Citizenship: United States Residence: 329 Monticello Dr. Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Peter Mezes** Date Full Name of Inventor: Peter D. Mezes, Ph.D. Citizenship: Canada Residence: 7 Clark's Lane, Old Lyme, CT 06371 Post Office Address: Same

**Inventor's Signature: Ramesh Kekuda** Full Name of Inventor: Ramesh Kekuda

Citizenship: India

Residence: 1213 Avalon Valley Drive, Danbury, CT 06810

Post Office Address: Same

Date

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Raymond J. Taupier, Jr. Date Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 34 Pardee Place Ed., East Haven, CT 06512 Post Office Address: Same Inventor's Signature: Valerie Gerlach Date Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 18 Rock Pasture Road, Branford, CT 06405 Post Office Address: Same Inventor's Signature: William Grosse Date Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Xiaohong Liu Date Full Name of Inventor: Xiaohong Liu Citizenship: United States Residence: c/o Ying Chen, 164 North Street, Lexington, MA 02420 Post Office Address: Same Inventor's Signature: Karen Ellerman Date Full Name of Inventor: Karen Ellerman, Ph.D. Citizenship: United States Residence: 87 Montoya Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Mark Rothenberg Date Full Name of Inventor: Mark Rothenberg Citizenship: United States

Residence: 2 Allen Road, Clinton, CT 06413

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: David Stone Date

Full Name of Inventor: David J. Stone

Citizenship: United States

Residence: 223 Whitehorn Drive, Guilford, CT 06437

Post Office Address: Same

Date

Inventor's Signature: Catherine E. Burgess
Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Express Mail Label No. Date of Deposit:



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No.	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
69/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

4:

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747.

Please address all correspondence to:

Ivor R. Elrifi Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. One Financial Center Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature:	Muralidhara Padigaru
Full Name of Inventor:	Muralidhara Padigaru, Ph.D.

Citizenship: India

Residence: 71 Hampton Park, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II

Citizenship: United States

Residence: 60 Lake Drive, Madison, CT 06443

Post Office Address: Same

Inventor's Signature: Steven D. Colman

Full Name of Inventor: Steven D. Colman, Ph.D.

Citizenship: United States

Residence: 24 Andy Lane, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Kimberly A. Spytek Full Name of Inventor: Kimberly A. Spytek

Citizenship: United States

Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

- 3 -

Date

Attorney Docket: 21402-245 (Cura 545)

Post Office Address: Same

Inventor's Signature: Ferenc Boldog Date Full Name of Inventor: Ferenc L. Boldog, Ph.D. Citizenship: Hungarian Residence: 1687 Hartford Turnpike, North Haven, CT 06473 Post Office Address: Same Inventor's Signature: Corine Vernet Full Name of Inventor: Corine A.M. Vernet, Ph.D. Citizenship: France Residence: 1739 Foxon Road, Apartment L6, Branford, CT 06471 Post Office Address: Same 5/21/2002 Date Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same 5/02/02 Date Inventor's Signature: Suresh Shenoy Full Name of Inventor: Suresh G. Shenoy, Ph.D. Citizenship: India Residence: 15 Millwood Drive, Branford, CT 06405 Post Office Address: Same Date ntor's Signature: Stacie Casman Full Name of Inventor: Stacie J. Casman Citizenship: United States Residence: 17 Peck Street, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Xiaojia (Sasha) Guo Full Name of Inventor: Xiaojia (Sasha) Guo Citizenship: China Residence: 713 Robert Frost Drive, Branford, CT 06405

Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545) Inventor's Signature: Shlomit Edinger Full Name of Inventor: Shlomit R. Edinger Citizenship: United States Residence: 766 Edgewood Ave, New Haven, CT 06515 Post Office Address: Same Inventor's Signature: John MacDougall Date Full Name of Inventor: John R. MacDougall, Ph.D. Citizenship: Canada Residence: 117 Russell Street, Hamden, CT 06517 Post Office Address: Same Inventor's Signature: Uriel Malyankar Full Name of Inventor: Uriel M. Malyankar Citizenship: India Residence: 229 Branford Rd., #330, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Meera Patturajan Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Richard Shimkets Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 5 Indian Meadows Drive, Guilford, CT 06437 Post Office Address: Same

Inventor's Signature: Carol E. A. Pena Full Name of Inventor: Carol E. A. Pena

Citizenship: United States

Residence: 555 Long Wharf Drive, New Haven, CT 06511

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Velizar T. Tchernev Date Full Name of Inventor: Velizar T. Tchernev, Ph.D. Citizenship: Bulgaria Residence: 45 Jefferson Road, #3-12, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Bryan Zerhusen Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same 5/6/02 Inventor's Signature: Isabelle Millet Full Name of Inventor: Isabelle Millet Citizenship: France Residence: 74 Carrington Avenue, Milford, CT 06460 Post Office Address: Same 5/6/02 Inventor's Signature: Charles Miller Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, Guilford, CT 06437 Post Office Address: Same 'Inventor's Signature: Denise Lepley Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Glennda Smithson Full Name of Inventor: Glennda Smithson Citizenship: United States

Residence: 125 Michael Drive, Guilford, CT 06435

Attorney Docket: 21402-245 (Cura 545)

ORCZ.	7/11/00
Investigation of the Polymonth of	Date
Inventor's Signature: Jason Baumgartner Full Name of Inventor: Jason C. Baumgartner	Date
Citizenship: United States	
Residence: 1697 Quinnipiac Avenue, New Haven, CT 0651:	3
Post Office Address: Same	
Tost office Add cas. Sume	
$\setminus \iota \wedge$	<b>-</b> 1
Oddin.	5/31/02
Inventor's Signature: John Herrmann	Date
Full Name of Inventor: John L. Herrmann, Ph.D.	
Citizenship: United States	
Residence: 78 Barnshed Lane, Guilford, CT 06437	
Post Office Address: Same	
$\bigcap$ $\bigwedge$	•
	5/6/02
- Jan 19	
Inventor's Signature: John Peyman	Date
Full Name of Inventor: John A. Peyman, Ph.D.	
Citizenship: United States	
Residence: 336 West Rock Avenue, New Haven, CT 06515	
Post Office Address: Same	
	ı
Kinda Heman.	4/10/07-
Inventor's Signature: Linda Gorman	Date
Full Name of Inventor: Linda Gorman	Date
Citizenship: United States	
Residence: 329 Monticello Dr. Branford, CT 06405	
Post Office Address: Same	
$(1)$ $\rightarrow 0$	
Ville deser	5-8-02
Inventor's Signature: Peter Mezes	Date
Full Name of Inventor: Peter D. Mezes, Ph.D.	
Citizenship: Canada	
Residence: 7 Clark's Lane, Old Lyme, CT 06371	
Post Office Address: Same	
0 (21) 61 \	
KO INH. INVO	5/7/02
	3 / 1/ ° -
Inventor's Signature: Ramesh Kekuda	Date
Full Name of Inventor: Ramesh Kekuda	

Citizenship: India
Residence: 1213 Ayalon Valley Drive, Danbury, CT 06810

Post Office Address: Same

71 Airen St; R3, Notwork, CT-06851 Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545) Inventor's Signature! Raymond J. Taupier, Jr. Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 34 Pardee Place Ed., East Haven, CT 06512 Post Office Address: Same 5/22/02 Valeur Gerlach Date Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 18 Rock Pasture Road, Branford, CT 06405 Post Office Address: Same Inventor's Signature. William Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Xiaohong Liu Full Name of Inventor: Xiaohong Liu Citizenship: United States Residence: c/o Ying Chen, 164 North Street, Lexington, MA 02420 Post Office Address: Same Inventor's Signature: Karen Ellerman Full Name of Inventor: Karen Ellerman, Ph.D. Citizenship: United States Residence: 87 Montoya Drive, Branford, CT 06405 Post Office Address: Same

Inventor's Signature: Mark Rothenberg
Full Name of Inventor: Mark Rothenberg

Citizenship: United States

Residence: 2 Allen Road, Clinton, CT 06413

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: David Stone
Full Name of Inventor: David J. Stone

Citizenship: United States

Residence: 223 Whitehorn Drive, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Catherine E Burgess
Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109





# COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

## PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Registration No.	Attorney or Agent	Registration No.
39,586	Shane Hunter	41,858
42,306	David E. Johnson	41,874
40,509	Christina Karnakis	45,899
48,128	Kristin E. Konzak	44,848
38,384	Cynthia Kozakiewicz	42,764
47,429	Barry J. Marenberg	40,715
48,593	A. Jason Mirabito	28,161
36,400	Michel Morency	P-50,183
42,450	Carol H. Peters	45,010
40,983	Matthew Pavao	P-50,572
35,860	David Poirier	43,007
42,870	Michael Renaud	44,299
39,529	Brian Rosenbloom	41,276
45,409	Robert J. Sayre	42,124
37,833	C. Eric Schulman	43,350
32,694	Gregory J. Sieczkiewicz	48,223
46,725	Thomas M. Sullivan	39,392
35,161	Janine Susan	46,119
44,729	Nicholas P. Triano III	36,397
37,345	Howard Susser	33,556
42,669	Raphael A. Valencia	43,216
	42,306 40,509 48,128 38,384 47,429 48,593 36,400 42,450 40,983 35,860 42,870 39,529 45,409 37,833 32,694 46,725 35,161 44,729 37,345	39,586 Shane Hunter 42,306 David E. Johnson 40,509 Christina Karnakis 48,128 Kristin E. Konzak 38,384 Cynthia Kozakiewicz 47,429 Barry J. Marenberg 48,593 A. Jason Mirabito 36,400 Michel Morency 42,450 Carol H. Peters 40,983 Matthew Pavao 35,860 David Poirier 42,870 Michael Renaud 39,529 Brian Rosenbloom 45,409 Robert J. Sayre 37,833 C. Eric Schulman 32,694 Gregory J. Sieczkiewicz 46,725 Thomas M. Sullivan 35,161 Janine Susan 44,729 Nicholas P. Triano III 37,345 Howard Susser

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747.

Please address all correspondence to:

Ivor R. Elrifi Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. One Financial Center Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru, Ph.D. Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date
500 W	8120102
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Kimberly A. Spytek Full Name of Inventor: Kimberly A. Spytek Citizenship: United States	Date

Residence: 28 Court St., #1, New Haven, CT 06511

Attorney Docket: 21402-245 (Cura 545)

Date Inventor's Signature: Ferenc Boldog Full Name of Inventor: Ferenc L. Boldog, Ph.D. Citizenship: Hungarian Residence: 1687 Hartford Turnpike, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Corine Vernet Full Name of Inventor: Corine A.M. Vernet, Ph.D. Citizenship: France Residence: 1739 Foxon Road, Apartment L6, Branford, CT 06471 Post Office Address: Same Date Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Suresh Shenoy Full Name of Inventor: Suresh G. Shenoy, Ph.D. Citizenship: India Residence: 15 Millwood Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Stacie Casman Full Name of Inventor: Stacie J. Casman Citizenship: United States Residence: 17 Peck Street, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Xiaojia (Sasha) Guo Full Name of Inventor: Xiaojia (Sasha) Guo Citizenship: China Residence: 713 Robert Frost Drive, Branford, CT 06405 Post Office Address: Same

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Shlomit Edinger Date

Full Name of Inventor: Shlomit R. Edinger

Citizenship: United States

Residence: 766 Edgewood Ave, New Haven, CT 06515

Post Office Address: Same

Inventor's Signature: John MacDougall Date

Full Name of Inventor: John R. MacDougall, Ph.D.

Citizenship: Canada

Residence: 117 Russell Street, Hamden, CT 06517

Post Office Address: Same

Inventor's Signature: Uriel Malyankar Date

Full Name of Inventor: Uriel M. Malyankar

Citizenship: India

Residence: 229 Branford Rd., #330, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Meera Patturajan Date

Full Name of Inventor: Meera Patturajan

Citizenship: India

Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Richard Shimkets Date

Full Name of Inventor: Richard A. Shimkets, Ph.D.

Citizenship: United States

Residence: 5 Indian Meadows Drive, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Carol E. A. Pena Date

Full Name of Inventor: Carol E. A. Pena

Citizenship: United States

Residence: 555 Long Wharf Drive, New Haven, CT 06511

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Velizar T. Tchernev Date Full Name of Inventor: Velizar T. Tchernev, Ph.D. Citizenship: Bulgaria Residence: 45 Jefferson Road, #3-12, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Bryan Zerhusen Date Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Isabelle Millet Date Full Name of Inventor: Isabelle Millet Citizenship: France Residence: 74 Carrington Avenue, Milford, CT 06460 Post Office Address: Same Inventor's Signature: Charles Miller Date Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, Guilford, CT 06437 Post Office Address: Same **Inventor's Signature: Denise Lepley** Date Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Glennda Smithson Date Full Name of Inventor: Glennda Smithson Citizenship: United States

Residence: 125 Michael Drive, Guilford, CT 06435

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Jason Baumgartner Date

Full Name of Inventor: Jason C. Baumgartner

Citizenship: United States

Residence: 1697 Quinnipiac Avenue, New Haven, CT 06513

Post Office Address: Same

Inventor's Signature: John Herrmann Date

Full Name of Inventor: John L. Herrmann, Ph.D.

Citizenship: United States

Residence: 78 Barnshed Lane, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: John Peyman Date

Full Name of Inventor: John A. Peyman, Ph.D.

Citizenship: United States

Residence: 336 West Rock Avenue, New Haven, CT 06515

Post Office Address: Same

Date

**Inventor's Signature: Linda Gorman** Full Name of Inventor: Linda Gorman

Citizenship: United States

Residence: 329 Monticello Dr. Branford, CT 06405

Post Office Address: Same

**Inventor's Signature: Peter Mezes** 

Date

Full Name of Inventor: Peter D. Mezes, Ph.D.

Citizenship: Canada

Residence: 7 Clark's Lane, Old Lyme, CT 06371

Post Office Address: Same

Inventor's Signature: Ramesh Kekuda Date

Full Name of Inventor: Ramesh Kekuda

Citizenship: India

Residence: 1213 Avalon Valley Drive, Danbury, CT 06810

Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Raymond J. Taupier, Jr. Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 34 Pardee Place Ed., East Haven, CT 06512 Post Office Address: Same	Date
Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 18 Rock Pasture Road, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: William Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06 Post Office Address: Same	Date 5405
Inventor's Signature: Xiaohong Liu Full Name of Inventor: Xiaohong Liu Citizenship: United States Residence: c/o Ying Chen, 164 North Street, Lexington, North Office Address: Same	Date  1A 02420
Inventor's Signature: Karen Ellerman Full Name of Inventor: Karen Ellerman, Ph.D. Citizenship: United States Residence: 87 Montoya Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Mark Rothenberg Full Name of Inventor: Mark Rothenberg Citizenship: United States Residence: 2 Allen Road, Clinton, CT 06413 Post Office Address: Same	Date

Attorney Docket: 21402-245 (Cura 545)

Date

Inventor's Signature: David Stone
Full Name of Inventor: David J. Stone

Citizenship: United States

Residence: 223 Whitehorn Drive, Guilford, CT 06437

Post Office Address: Same

Date

Inventor's Signature: Catherine E. Burgess
Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Express Mail Label No. Date of Deposit:



# COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

## PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Applicants: Padigaru et al.
Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to <u>Ivor R. Elrifi</u> at telephone number 617/348-1747.

Please address all correspondence to:

Post Office Address: Same

Ivor R. Elrifi Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. One Financial Center Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru, Ph.D. Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date
Inventor's Signature: Kimberly A. Spytek Full Name of Inventor: Kimberly A. Spytek Citizenship: United States Residence: 28 Court St., #1, New Haven, CT 06511	Date

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Ferenc Boldog Date Full Name of Inventor: Ferenc L. Boldog, Ph.D. Citizenship: Hungarian Residence: 1687 Hartford Turnpike, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Corine Vernet Full Name of Inventor: Corine A.M. Vernet, Ph.D. Citizenship: France Residence: 1739 Foxon Road, Apartment L6, Branford, CT 06471 Post Office Address: Same Date Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Suresh Shenoy Date Full Name of Inventor: Suresh G. Shenoy, Ph.D. Citizenship: India Residence: 15 Millwood Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Stacie Casman Full Name of Inventor: Stacie J. Casman Citizenship: United States Residence: 17 Peck Street, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Xiaojia (Sasha) Guo Full Name of Inventor: Xiaojia (Sasha) Guo Citizenship: China Residence: 713 Robert Frost Drive, Branford, CT 06405 Post Office Address: Same

Attorney Docket: 21402-245 (Cura 545)

Date Inventor's Signature: Shlomit Edinger Full Name of Inventor: Shlomit R. Edinger Citizenship: United States Residence: 766 Edgewood Ave, New Haven, CT 06515 Post Office Address: Same Date Inventor's Signature: John MacDougall Full Name of Inventor: John R. MacDougall, Ph.D. Citizenship: Canada Residence: 117 Russell Street, Hamden, CT 06517 Post Office Address: Same Inventor's Signature: Uriel Malyankar Date Full Name of Inventor: Uriel M. Malyankar Citizenship: India Residence: 229 Branford Rd., #330, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Meera Patturajan Date Full Name of Inventor: Meera Patturajan Citizenship: India Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Richard Shimkets Full Name of Inventor: Richard A. Shimkets, Ph.D. Citizenship: United States Residence: 5 Indian Meadows Drive, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: Carol E. A. Pena Date Full Name of Inventor: Carol E. A. Pena Citizenship: United States

Residence: 555 Long Wharf Drive, New Haven, CT 06511

Attorney Docket: 21402-245 (Cura 545)

Post Office Address: Same

Inventor's Signature: Velizar T. Tchernev Date Full Name of Inventor: Velizar T. Tchernev, Ph.D. Citizenship: Bulgaria Residence: 45 Jefferson Road, #3-12, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Bryan Zerhusen Date Full Name of Inventor: Bryan D. Zerhusen, Ph.D. Citizenship: United States Residence: 337 Monticello Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Isabelle Millet Full Name of Inventor: Isabelle Millet Citizenship: France Residence: 74 Carrington Avenue, Milford, CT 06460 Post Office Address: Same Inventor's Signature: Charles Miller Date Full Name of Inventor: Charles E. Miller Citizenship: United States Residence: 98 Saddle Hill Drive, Guilford, CT 06437 Post Office Address: Same Date Inventor's Signature: Denise Lepley Full Name of Inventor: Denise M. Lepley, Ph.D. Citizenship: United States Residence: 51 Church Street, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Glennda Smithson Full Name of Inventor: Glennda Smithson Citizenship: United States Residence: 125 Michael Drive, Guilford, CT 06435

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Jason Baumgartner Date Full Name of Inventor: Jason C. Baumgartner Citizenship: United States Residence: 1697 Quinnipiac Avenue, New Haven, CT 06513 Post Office Address: Same Inventor's Signature: John Herrmann Date Full Name of Inventor: John L. Herrmann, Ph.D. Citizenship: United States Residence: 78 Barnshed Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: John Peyman Date Full Name of Inventor: John A. Peyman, Ph.D. Citizenship: United States Residence: 336 West Rock Avenue, New Haven, CT 06515 Post Office Address: Same Inventor's Signature: Linda Gorman Date Full Name of Inventor: Linda Gorman Citizenship: United States Residence: 329 Monticello Dr. Branford, CT 06405 Post Office Address: Same **Inventor's Signature: Peter Mezes** Date Full Name of Inventor: Peter D. Mezes, Ph.D. Citizenship: Canada Residence: 7 Clark's Lane, Old Lyme, CT 06371 Post Office Address: Same Inventor's Signature: Ramesh Kekuda Date Full Name of Inventor: Ramesh Kekuda Citizenship: India

Residence: 1213 Avalon Valley Drive, Danbury, CT 06810

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Raymond J. Taupier, Jr. Date Full Name of Inventor: Raymond J. Taupier,. Jr. Citizenship: United States Residence: 34 Pardee Place Ed., East Haven, CT 06512 Post Office Address: Same Inventor's Signature: Valerie Gerlach Date Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 18 Rock Pasture Road, Branford, CT 06405 Post Office Address: Same Inventor's Signature: William Grosse Date Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Xiaohong Liu Date Full Name of Inventor: Xiaohong Liu Citizenship: United States Residence: c/o Ying Chen, 164 North Street, Lexington, MA 02420 Post Office Address: Same Inventor's Signature: Karen Ellerman Date Full Name of Inventor: Karen Ellerman, Ph.D. Citizenship: United States Residence: 87 Montoya Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Mark Rothenberg Date Full Name of Inventor: Mark Rothenberg Citizenship: United States

Residence: 2 Allen Road, Clinton, CT 06413

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: David Stone

Full Name of Inventor: David J. Stone

Citizenship: United States

Residence: 223 Whitehorn Drive, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Catherine E. Burgess Date

Date

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109

Express Mail Label No. Date of Deposit:



## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16**, 2002, assigned U.S. Serial No. 10/051,874 and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747.

Please address all correspondence to:

Post Office Address: Same

Ivor R. Elrifi Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. One Financial Center Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Muralidhara Padigaru Full Name of Inventor: Muralidhara Padigaru, Ph.D. Citizenship: India Residence: 71 Hampton Park, Branford, CT 06405 Post Office Address: Same	Date	
Inventor's Signature: John P. Alsobrook II Full Name of Inventor: John P. Alsobrook II Citizenship: United States Residence: 60 Lake Drive, Madison, CT 06443 Post Office Address: Same	Date	
Inventor's Signature: Steven D. Colman Full Name of Inventor: Steven D. Colman, Ph.D. Citizenship: United States Residence: 24 Andy Lane, Guilford, CT 06437 Post Office Address: Same	Date	
Inventor's Signature: Kimberly A. Spytek Full Name of Inventor: Kimberly A. Spytek Citizenship: United States Residence: 28 Court St., #1, New Haven, CT 06511	Date	

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Ferenc Boldog Date Full Name of Inventor: Ferenc L. Boldog, Ph.D. Citizenship: Hungarian Residence: 1687 Hartford Turnpike, North Haven, CT 06473 Post Office Address: Same Date Inventor's Signature: Corine Vernet Full Name of Inventor: Corine A.M. Vernet, Ph.D. Citizenship: France Residence: 1739 Foxon Road, Apartment L6, Branford, CT 06471 Post Office Address: Same Date Inventor's Signature: Li Li Full Name of Inventor: Li Li Citizenship: China Residence: 56 Jerimoth Drive, Branford, CT 06405 Post Office Address: Same Inventor's Signature: Suresh Shenoy Date Full Name of Inventor: Suresh G. Shenoy, Ph.D. Citizenship: India Residence: 15 Millwood Drive, Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Stacie Casman Full Name of Inventor: Stacie J. Casman Citizenship: United States Residence: 17 Peck Street, North Haven, CT 06473 Post Office Address: Same Inventor's Signature: Xiaojia (Sasha) Guo Date Full Name of Inventor: Xiaojia (Sasha) Guo Citizenship: China Residence: 713 Robert Frost Drive, Branford, CT 06405 Post Office Address: Same

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: Shlomit Edinger

Full Name of Inventor: Shlomit R. Edinger

Citizenship: United States

Residence: 766 Edgewood Ave, New Haven, CT 06515

Post Office Address: Same

Inventor's Signature: John MacDougall Date

Full Name of Inventor: John R. MacDougall, Ph.D.

Citizenship: Canada

Residence: 117 Russell Street, Hamden, CT 06517

Post Office Address: Same

Inventor's Signature: Uriel Malyankar Date

Full Name of Inventor: Uriel M. Malyankar

Citizenship: India

Residence: 229 Branford Rd., #330, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Meera Patturajan Date

Full Name of Inventor: Meera Patturajan

Citizenship: India

Residence: 45 Harrison Ave., Apt. 1C, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Richard Shimkets Date

Full Name of Inventor: Richard A. Shimkets, Ph.D.

Citizenship: United States

Residence: 5 Indian Meadows Drive, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Carol E. A. Pena Date

Full Name of Inventor: Carol E. A. Pena

Citizenship: United States

Residence: 555 Long Wharf Drive, New Haven, CT 06511

Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545) I hemer

Inventor's Signature: Velizar T. Tchernev Full Name of Inventor: Velizar T. Tchernev, Ph.D.

Citizenship: Bulgaria

Residence: 45 Jefferson Road, #3-12, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Bryan Zerhusen Date

Full Name of Inventor: Bryan D. Zerhusen, Ph.D.

Citizenship: United States

Residence: 337 Monticello Drive, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Isabelle Millet Date

Full Name of Inventor: Isabelle Millet

Citizenship: France

Residence: 74 Carrington Avenue, Milford, CT 06460

Post Office Address: Same

Inventor's Signature: Charles Miller Date

Full Name of Inventor: Charles E. Miller

Citizenship: United States

Residence: 98 Saddle Hill Drive, Guilford, CT 06437

Post Office Address: Same

Date

Date

Inventor's Signature: Denise Lepley

Full Name of Inventor: Denise M. Lepley, Ph.D.

Citizenship: United States

Residence: 51 Church Street, Branford, CT 06405

Post Office Address: Same

Inventor's Signature: Glennda Smithson

Full Name of Inventor: Glennda Smithson

Citizenship: United States

Residence: 125 Michael Drive, Guilford, CT 06435

Attorney Docket: 21402-245 (Cura 545)

Post Office Address: Same

Inventor's Signature: Jason Baumgartner Date Full Name of Inventor: Jason C. Baumgartner Citizenship: United States Residence: 1697 Quinnipiac Avenue, New Haven, CT 06513 Post Office Address: Same Inventor's Signature: John Herrmann Date Full Name of Inventor: John L. Herrmann, Ph.D. Citizenship: United States Residence: 78 Barnshed Lane, Guilford, CT 06437 Post Office Address: Same Inventor's Signature: John Peyman Date Full Name of Inventor: John A. Peyman, Ph.D. Citizenship: United States Residence: 336 West Rock Avenue, New Haven, CT 06515 Post Office Address: Same Date Inventor's Signature: Linda Gorman Full Name of Inventor: Linda Gorman Citizenship: United States Residence: 329 Monticello Dr. Branford, CT 06405 Post Office Address: Same Date Inventor's Signature: Peter Mezes Full Name of Inventor: Peter D. Mezes, Ph.D. Citizenship: Canada Residence: 7 Clark's Lane, Old Lyme, CT 06371 Post Office Address: Same Date Inventor's Signature: Ramesh Kekuda Full Name of Inventor: Ramesh Kekuda Citizenship: India Residence: 1213 Avalon Valley Drive, Danbury, CT 06810

Applicants: Padigaru et al. Attorney Docket: 21402-245 (Cura 545)

	Data
nventor's Signature: Raymond J. Taupier, Jr. Full Name of Inventor: Raymond J. Taupier, Jr. Citizenship: United States Residence: 34 Pardee Place Ed., East Haven, CT 06512 Post Office Address: Same	Date
Inventor's Signature: Valerie Gerlach Full Name of Inventor: Valerie Gerlach Citizenship: United States Residence: 18 Rock Pasture Road, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: William Grosse Full Name of Inventor: William M. Grosse Citizenship: United States Residence: 15 Rice Terrace Road, Apt. C, Branford, CT ( Post Office Address: Same	Date 06405
Inventor's Signature: Xiaohong Liu Full Name of Inventor: Xiaohong Liu Citizenship: United States Residence: c/o Ying Chen, 164 North Street, Lexington, Post Office Address: Same	Date MA 02420
Inventor's Signature: Karen Ellerman Full Name of Inventor: Karen Ellerman, Ph.D. Citizenship: United States Residence: 87 Montoya Drive, Branford, CT 06405 Post Office Address: Same	Date
Inventor's Signature: Mark Rothenberg Full Name of Inventor: Mark Rothenberg Citizenship: United States Residence: 2 Allen Road, Clinton, CT 06413 Post Office Address: Same	Date

Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: David Stone Date

Full Name of Inventor: David J. Stone

Citizenship: United States

Residence: 223 Whitehorn Drive, Guilford, CT 06437

Post Office Address: Same

Inventor's Signature: Catherine E. Burgess Date

Full Name of Inventor: Catherine E. Burgess

Citizenship: United States

Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109